

PLASTIC SURGERY  
PAPER-I

PLS/J/18/37/I

Time: 3 hours

Max. Marks:100

Important Instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

- |     |   |       |
|-----|---|-------|
| 1.  | a) Functions of skin.<br>b) Wound healing by first and second intention.<br>c) Enumerate various types of skin grafts and their applications. | 3+3+4 |
| 2.  | a) Planning and reverse planning<br>b) Flap delay<br>c) Angiosomes  | 3+3+4 |
| 3.  | a) Fasciocutaneous vascular system along with classification.<br>b) Anatomy, technique and uses of temporoparietal fascial flap.              | 5+5   |
| 4.  | a) Groin flap<br>b) Radial forearm flap   | 5+5   |
| 5.  | Discuss treatment options for:<br>a) Post burn alopecia scalp<br>b) Full thickness defect after resection of carcinoma cheek.                 | 5+5   |
| 6.  | a) Burn wound sepsis and management<br>b) Fluid replacement in first 48 hours after burn injury   | 5+5   |
| 7.  | a) Fat grafting<br>b) Perforator based flaps<br>c) Tissue glue  | 4+4+2 |
| 8.  | a) WHO surgical safety check list<br>b) Electric burns<br>c) Design & indications of Limberg flap   | 3+3+4 |
| 9.  | What are skin substitutes? Describe their application in management of raw areas.   | 5+5   |
| 10. | a) Types of tissue expanders<br>b) Techniques of breast reconstruction  | 5+5   |

\*\*\*\*\*